PTO/SB/05 (08-03) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 12,559 Attorney Docket No. UTILITY PATENT APPLICATION First Inventor Ronald T. Butler TRANSMITTAL Title GAUGING APPARATUS AND METHOD (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. **Mail Stop Patent Application APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 1. X Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or 7. (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. X Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. X 15 յ Specification [Total Pages Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention Specification Sequence Listing on: - Cross Reference to Related Applications Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix

- Background of the Invention Paper - Brief Summary of the Invention - Brief Description of the Drawings (if filed) Statements verifying identity of above copies - Detailed Description ACCOMPANYING APPLICATION PARTS - Claim(s) - Abstract of the Disclosure 9. L Assignment Papers (cover sheet & document(s)) 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 37 CFR 3.73(b) Statement 10. Power of (when there is an assignee) Attorney 5. Oath or Declaration [Total Sheets 11. English Translation Document (if applicable) a. X Newly executed (original or copy) 12. X Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations Copy from a prior application (37 CFR 1.63(d)) 13. L **Preliminary Amendment** (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. X (Should be specifically itemized) **DELETION OF INVENTOR(S)** 15. L l Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR 16. 🔲 Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 Application Data Sheet. See 37 CFR 1.76 or its equivalent. 17.  $\square$ Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation L\_\_ Divisional Continuation-in-part (CIP) of prior application No.: .... Prior application information: Examiner Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS **Customer Number:** OR LX Correspondence address below Name William W. Haefliger 27905 Rainier Road Address

Name (Print/Type) Registration No. (Attorney/Agent) William W. Haefliger 17,120 Signature Date This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	Complete if Known			
FEE TRANSMITTAL	Application Number			
FOF FY 2004  Effective 10/01/2003. Patent fees are subject to annual revision.  Explicant claims small entity status. See 37 CFR 1.27	Filing Date			
	First Named Inventor	Ronald T. Butler et al		
	Examiner Name			
	Art Unit			

TOTAL AMOUNT OF PAYMENT	(\$) 385.00		Attorr	ney Do	cket N	No. 12,559		
METHOD OF PAYMENT (check all that apply)			FEE	ECALCULATION (continued)				
X Check Credit card Money	Other None	3. ADDITIONAL FEES						
Deposit Account:		Large Entity   Small Entity						
Deposit Count.	<del></del>	Fee	Fee	Fee	Fee	Fee Description		
Account 08-0118		Code 1051	(\$) 130	Code 2051	(\$) 65	Surcharge - late filing fee or oath	Fee Paid	
Number Deposit		1051	50	2052		Surcharge - late provisional filing fee or	<b></b>	
Account William W. Haefli	lger	1032	30	2032	23	cover sheet		
The Director is authorized to: (check all that ap	ply)	1053	130	1053		Non-English specification	<b>——</b>	
Charge fee(s) indicated below X Credi	t any overpayments		2,520	1812		For filing a request for ex parte reexamination		
X Charge any additional fee(s) or any underpay	ment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the to the above-identified deposit account.	filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION		1251	110	2251	55	Extension for reply within first month		
1. BASIC FILING FEE		1252	420	2252	210	Extension for reply within second month		
Large Entity Small Entity		1253	950	2253	475	Extension for reply within third month		
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month		
1001 770   2001 385   Utility filing fee		1255	2,010	2255	1,005	Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	385.	1401	330	2401	165	Notice of Appeal	·	
1003 530 2003 265 Plant filing fee		1402	330	2402	165	Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee		1403	290	2403	145	Request for oral hearing		
1005 160 2005 80 Provisional filing	fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
SUBTOTAL (1)	(\$) 385 <sub>a</sub>	1452	110	2452	55	Petition to revive - unavoidable		
		1453	1,330	2453	665	Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY	AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)		
Extra Claims	below Fee Paid	1502	480	2502	240	Design issue fee		
Total Claims 13 -20** = 0 X		1503	640	2503	320	Plant issue fee		
Claims Lili-3" = LU X L		1460	130	1460	130	Petitions to the Commissioner		
Multiple Dependent	=	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Large Entity   Small Entity Fee Fee   Fee Fee Fee Descripti	ion	1806	180	1806		Submission of Information Disclosure Stmt		
Code (\$) Code (\$)	<del></del>	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
1202 18 2202 9 Claims in excess 1201 86 2201 43 Independent clai	s of 20 ims in excess of 3	1809	770	2809	385	Filing a submission after final rejection		
	ent claim, if not paid	1810	770	2810	385	(37 CFR 1.129(a)) For each additional invention to be		
1204 86 2204 43 ** Reissue inder						examined (37 CFR 1.129(b))		
over original p 1205 18 2205 9 ** Reissue claim	s in excess of 20	1801 1802	770 900	2801 1802		Request for Continued Examination (RCE) Request for expedited examination		
and over origin	nal patent		۱	١		of a design application		
SUBTOTAL (2)	(\$) 0	Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)								
SUBMITTED BY (Complete (if applicable))								

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